

AMENDMENTS TO THE CLAIMS

The following is a complete listing of the claims, which replace all previous versions and listings of the claims.

1. (currently amended) A system comprising:

a machine-readable medium having a program, comprising:

a controller generator that is configured to provide an application with a controller that receives requests for data from users and responds to the requests by obtaining requested data comprising a cookie; and

a cookie manager that is configured to prevent conflicting cookie values associated with the cookie by evaluating a plurality of cookie values associated with multiple actions invoking the cookie and selecting an appropriate one of the plurality of cookie values.

2. (previously presented) The system set forth in claim 1, wherein the controller is configured to instantiate the cookie manager before processing a user request.

3. (previously presented) The system set forth in claim 1, wherein the cookie manager is configured to add a cookie value for the particular cookie associated with a first action of the multiple actions.

4. (previously presented) The system set forth in claim 3, wherein the cookie manager is configured to update the cookie value for a second action of the multiple actions.

5. (previously presented) The system set forth in claim 1, wherein the cookie manager is configured to maintain a most recent value of multiple cookie values provided by the multiple actions for the particular cookie.

6. (previously presented) The system set forth in claim 1, wherein the cookie manager is configured to defer creation of a set cookie header until the controller is ready to commit a response for a user request.

7. (previously presented) The system set forth in claim 1, comprising a model and a view separate from one another and separate from the controller, wherein the model provides an application state for the application and the view provides a view presentation for the application.

8. (original) A method comprising:
creating, with a processor-based device, a controller that receives requests for data from users and responds to the requests by obtaining requested data; and
providing a cookie manager that stores a plurality of cookie values associated with a cookie invoked by actions and that selects one of the plurality of cookie values based on the requests for data.

9. (original) The method set forth in claim 8, wherein providing the cookie manager comprises creating the cookie manager upon receipt of a user request by the controller.

10. (original) The method set forth in claim 9, wherein creating comprises maintaining a queue of cookies for a particular session of processing the user request.

11. (original) The method set forth in claim 10, wherein maintaining comprises replacing a previous cookie value associated with a previous action with the most recent cookie value associated with a most recent action.

12. (original) The method set forth in claim 8, wherein providing the cookie manager comprises providing add cookie logic to cache a new cookie value for the particular cookie.

13. (original) The method set forth in claim 8, wherein providing the cookie manager comprises providing commit cookie logic to commit the most recent cookie value for a response to a user request.

14. (currently amended) A system comprising:

a machine-readable medium having a program, comprising:

means for creating a controller that provides control functions for an application, wherein the controller is configured to receive requests for data from users and respond to the requests by obtaining requested data; and

means for managing multiple cookie actions to maintain a current value of a particular cookie by evaluating a plurality of cookie values associated with the particular cookie and selecting an appropriate one of the plurality of cookie values.

15. (original) The system set forth in claim 14, wherein the means for managing comprises means for caching a cookie value for the particular cookie for the response to the user request.

16. (original) The system set forth in claim 14, wherein the means for managing comprises means for committing the current value of the particular cookie for the response to the user request.

17. (original) A machine readable medium having a program for creating applications, comprising:

a cookie manager stored on the machine readable medium and configured to provide a desired cookie value for a response to a user request, wherein the desired cookie value is one cookie value selected from multiple cookie values set by different actions for a particular cookie.

18. (original) The machine readable medium having the program set forth in claim 17, comprising controller logic stored on the machine readable medium and configured to receive

requests for data from users and respond to the requests by obtaining requested data including data associated with the desired cookie value for the particular cookie.

19. (original) The machine readable medium having the program set forth in claim 17, comprising action classes stored on the machine readable medium and configured to perform the different actions for processing the user request.

20. (original) The machine readable medium having the program set forth in claim 17, wherein the cookie manager comprises add cookie logic to cache a new cookie value for the particular cookie.

21. (original) The machine readable medium having the program set forth in claim 20, wherein cookie manager comprises commit cookie logic to commit the desired cookie value in a portion of the request.

22. (original) The method of claim 8, comprising preventing conflicting cookies by providing to the controller only the selected cookie value.

23. (new) The system of claim 1, wherein the controller invoked multiple actions and returns a cookie in response to the requests.

24. (new) The method of claim 8, where the controller responds to the requests by providing to the users a cookie comprising a cookie value.

25. (new) The system of claim 14, wherein the controller is configured to respond to the request by returning a particular cookie.

26. (new) The system of claim 25, wherein the means for managing multiple cookie actions selects an appropriate one of the plurality of cookie values for the particular cookie the controller returns in response to the request.